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| FORM PTO (REV. 11-2003) (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE   |  | ATTORNEY'S DOCKET NUMBER<br><b>112857-373</b>                          |
| TRANSMITTAL LETTER TO THE UNITED STATES<br>DESIGNATED/ELECTED OFFICE (DO/EO/US)<br>CONCERNING A FILING UNDER 35 U.S.C. 371   |  | U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR<br><b>Unknown 10/500178</b> |
| INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/00378</b>   | INTERNATIONAL FILING DATE<br><b>January 17, 2003</b> | PRIORITY DATE CLAIMED<br><b>January 18, 2002</b>                       |
| TITLE OF INVENTION<br><b>ELECTROCHEMICAL DEVICE AND GAS STORAGE DEVICE</b>   |  |  |
| APPLICANT(S) FOR DO/EO/US<br><b>Wachi et al.</b>   |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:  |  |  |
| <ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input type="checkbox"/> The US has been elected by the expiration of 19 months from the priority date (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c) (2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> <p><b>Items 13 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input type="checkbox"/> A change of power of attorney and/or address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. <b>EV 512745994 US</b></li> <li>23. <input checked="" type="checkbox"/> Other items or information:<br/> Return receipt postcard;<br/> Forms PCT/IB/301, 304, 306 and 308; First page of Int'l App. as filed;<br/> Submission of Formal Drawings; and<br/> Formal Drawings (15 sheets).</li> </ol> |  |  |

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| U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR 1.53) <b>10/500178</b><br>UNKNOWN |  | INTERNATIONAL APPLICATION NO.<br><b>PCT/JP03/00378</b> |  | ATTORNEY'S DOCKET NUMBER<br><b>112857-373</b> |  |
|--|--|--|--|---|--|

|   |              |              |           |                                  |    |
|---|--------------|--------------|-----------|----------------------------------|----|
| 24. The following fees are submitted:<br><b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :</b><br><input type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... <b>\$1080.00</b><br><input checked="" type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$920.00</b><br><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$770.00</b><br><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... <b>\$730.00</b><br><input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... <b>\$100.00</b><br><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b> |              |              |           | <b>CALCULATIONS PTO USE ONLY</b> |    |
|   |              |              |           | <b>\$920.00</b>                  |    |
| Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)).   |              |              |           | <b>\$0.00</b>                    |    |
| CLAIMS  | NUMBER FILED | NUMBER EXTRA | RATE      |                                  |    |
| Total claims  | 24 - 20 =    | 4            | x \$18.00 | <b>\$72.00</b>                   |    |
| Independent claims  | 4 - 3 =      | 1            | x \$86.00 | <b>\$86.00</b>                   |    |
| Multiple Dependent Claims (check if applicable). <input type="checkbox"/>   |              |              |           | <b>\$0.00</b>                    |    |
| <b>TOTAL OF ABOVE CALCULATIONS =</b>  |              |              |           | <b>\$1,078.00</b>                |    |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.  |              |              |           | <b>\$0.00</b>                    |    |
| <b>SUBTOTAL =</b>   |              |              |           | <b>\$1,078.00</b>                |    |
| Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (f)).  |              |              |           | <b>\$0.00</b>                    |    |
| <b>TOTAL NATIONAL FEE =</b>   |              |              |           | <b>\$1,078.00</b>                |    |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable). <input type="checkbox"/>  |              |              |           | <b>\$0.00</b>                    |    |
| <b>TOTAL FEES ENCLOSED =</b>  |              |              |           | <b>\$1,078.00</b>                |    |
|   |              |              |           | Amount to be refunded            | \$ |
|   |              |              |           | charged                          | \$ |

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| a. <input checked="" type="checkbox"/> A check in the amount of <b>\$1,078.00</b> to cover the above fees is enclosed.<br>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees.<br>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>02-1818</b><br>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038. | <div style="text-align: center;"> <br/>         SIGNATURE<br/> <b>Thomas C. Basso</b><br/>         NAME<br/> <b>46,541</b><br/>         REGISTRATION NUMBER<br/> <b>June 25, 2004</b><br/>         DATE       </div> |
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SEND ALL CORRESPONDENCE TO:  
  
 Thomas C. Basso  
 BELL, BOYD & LLOYD LLC  
 P.O. Box 1135  
 Chicago, IL 60690-1135

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Wachi et al.  
Appl. No.: Unknown  
Conf. No.: Unknown  
Filed: Herewith  
Title: ELECTROCHEMICAL DEVICE AND GAS STORAGE DEVICE  
Art Unit: Unknown  
Examiner: Unknown  
Docket No.: 112857-373

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10

Sir:

I hereby certify that the following documents relating to the above-identified application:

- |   |  |
|---|--|
| 1. Transmittal Letter to the US<br>Designated/Elected Office (duplicate); | 8. 14 References;                        |
| 2. First Page of Int'l App. as filed;                                     | 9. Preliminary Amendment (76 pgs.);      |
| 3. Translation of Int'l App. (54 pgs.);                                   | 10. Forms PCT/IB/301, 304, 306 & 308;    |
| 4. Unexecuted Declaration & POA (4 pgs.);                                 | 11. Submission of Formal Drawings;       |
| 5. Int'l Search Report;   | 12. Formal Drawings (15 sheets);         |
| 6. Information Disclosure Statement (2 pgs.);                             | 13. Check in the amount of 1,078.00; and |
| 7. PTO Form 1449;   | 14. Return receipt postcard.             |

are being deposited with the United States Postal Service with sufficient postage as

Express Mail in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on June 25, 2004.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Renee Street

Name of Person Mailing Correspondence

Signature

EV 512745994 US Express Mail Mailing Label No.

MAIL STOP PCT

IN THE UNITED STATES ELECTED/DESIGNATED OFFICE  
OF THE UNITED STATES PATENT AND TRADEMARK OFFICE  
UNDER THE PATENT COOPERATION TREATY

Applicant(s): Wachi et al.  
Intl. Appl. No.: PCT/JP03/00378  
Intl. Filing Date: January 17, 2003  
Title: ELECTROCHEMICAL DEVICE AND GAS STORAGE DEVICE  
Docket No.: 112857-373

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUBMISSION OF FORMAL DRAWINGS**

Sir:

Please find enclosed the formal drawings for this case. Applicants respectfully request that the Draftsperson indicate that the 15 sheets of drawings are acceptable so that the case may be passed to issue.

The Commissioner is authorized to charge any additional fees which maybe required, or to credit any overpayment to Deposit Account No. 02-1818. If such a withdrawal is made, please indicate the Attorney Docket No. (112857-373) on the account statement.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

BY 

Thomas C. Basso  
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Date: June 25, 2004